

CP 0138-01/US12

PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY, DESIGN, DIVISIONAL AND CONTINUATION-IN-PART PATENT APPLICATIONS (37 CFR 1.63)</b>	<b>Express Mail No.</b>	
	<b>Attorney Docket Number</b>	56029/41936
	<b>First Named Inventor</b>	Mueckler
<input type="checkbox"/> Declaration Submitted with Initial Filing	<b>COMPLETE IF KNOWN</b>	
<input checked="" type="checkbox"/> Supplemental Declaration Submitted <input type="checkbox"/> Declaration Submitted for Continuation-In-Part Filing <input type="checkbox"/> Declaration Submitted for Divisional Filing	<b>Application Number</b>	10/621,485
	<b>Filing Date</b>	07/16/2003
	<b>Group Art Unit</b>	1614
	<b>Examiner Name</b>	Unknown

**As a below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Cell-free assay for insulin signaling

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

07/16/2003

as United States Application Number or PCT International

Application Number

10/621,485

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

CPX 138-71/US/2

PTO/SB/01 (03-01)

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**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☒Customer Number  
or Bar Code Label

021888

OR ☐ Correspondence address belowName **Daniel S. Kasten**

Address Thompson Coburn LLP, One US Bank Plaza, Suite 3500

City St. Louis

State MO

ZIP 63101-9928

Country USA

Telephone 314-552-6305

Fax 314-552-7305

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR :

☐ A petition has been filed for this unsigned inventorGiven Name  
(first and middle [if any]) MikeFamily Name  
or Surname MuecklerInventor's  
Signature

Date 1/21/04

Residence: City St. Louis

State MO

Country USA

Citizenship US

Mailing Address 10923 Leighton Court

City St. Louis

State MO

ZIP 63146

Country United States

NAME OF SECOND INVENTOR :

☐ A petition has been filed for this unsigned inventorGiven Name  
(first and middle [if any]) RichardFamily Name  
or Surname HreskoInventor's  
Signature

Date 1/21/04

Residence: City Chesterfield

State MO

Country USA

Citizenship US

Mailing Address 1349 Stillhouse Creek Road

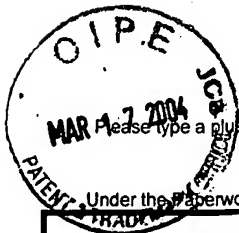
City Chesterfield

State MO

ZIP 63019

Country United States

☒ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.



CPØ 138-Ø11/US/2

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (11-00)

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**DECLARATION****ADDITIONAL INVENTOR(S)****Supplemental Sheet**Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Haruhiko		Murata	
Inventor's Signature <i>Haruhiko Murata</i>		Date <u>1/30/04</u>	
Residence: City	State	Country	Citizenship
Rockville,	MD	USA	US
Mailing Address 9804 D Gable Ridge Terrace			
Mailing Address			
City	State	ZIP	Country
Rockville	MD	20850	United States
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



CP 138-01/01/2

PTO/SB/96 (08-03)

Approved for use through 07/31/2006 OMB 0651-0031.

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### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Washington University

Application No./Patent No.: 10/621,485

Filed/Issue Date: July 16, 2003

Entitled: Cell-free Assay for Insulin Signaling

Washington University

, a Missouri corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From \_\_\_\_\_ To: \_\_\_\_\_

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3/11/04

Date

314-747-0920

Telephone number

Michael G. Douglas

Typed or printed name

[Signature]

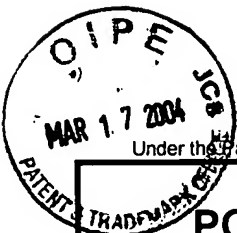
Signature

Associate Vice Chancellor for Technology Management

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CP# 138-91/wd 2

PTO/SB/81 (09-03)

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# POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	10/621,485
Filing Date	July 16, 2003
First Named Inventor	Mueckler
Title	Cell-Free Assay for Insulin
Art Unit	1614
Examiner Name	
Attorney Docket Number	56029-41936

I hereby appoint:

☒ Practitioners at Customer Number

OR

☐ Practitioner(s) named below:

021888
--------

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☒ The address associates with Customer Number:

021888
--------

OR

<input type="checkbox"/> Firm or Individual Name	Daniel S. Kasten				
Address	Thompson Coburn LLP				
Address	One US Bank Plaza				
City	St. Louis	State	MO	Zip	63101
Country	USA				
Telephone	314-552-6305	Fax	314-552-7305		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

## SIGNATURE of Applicant or Assignee of Record

Name	Michael G. Douglas		
Signature			
Date	3/11/04	Telephone	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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